



U.S. DEPARTMENT OF ENERGY  
Office of Electricity Delivery and Energy Reliability  
Infrastructure Security and Energy Restoration

# ENERGY ASSURANCE DAILY

Thursday Evening, July 19, 2012

## Major Developments

### Thunderstorms Knock Out Power to 400,000 Customers across Ohio Valley and Northeast July 18

Thunderstorms brought heavy rain, strong winds, and hail to the Ohio Valley and Northeast on the evening of July 19, knocking out power to approximately 400,000 customers in Illinois, Indiana, Ohio, Kentucky, Pennsylvania, New Jersey, New York, Connecticut, Rhode Island, Massachusetts, and Vermont. As of 4:00 PM EDT, July 19, approximately 34,000 customers remained without power in the affected service territories. Commonwealth Edison, the hardest hit utility, was continuing to assess damage on Thursday afternoon and could not provide specific restoration times.

Ohio Valley Customer Power Outages July 18-19, 2012			
Electric Utility	State	Peak	Latest Reported
Commonwealth Edison	IL	120,000	17,704
NIPSCO	IN	20,000	2,541
Kankakee Valley R.E.M.C.	IN	3,400	0
Duke Energy	OH,KY	65,000	2,510
AEP Ohio	OH	36,000	4,112
Dayton Power & Light	OH	1,300	66
Duquesne Light	PA	18,000	250
West Penn Power	PA	11,000	140
PSE&G	NJ	8,000	0
Atlantic City Electric	NJ	8,000	143
LIPA	NY	22,000	4,747
National Grid	NY	16,000	648
Con Edison	NY	4,886	85
Orange & Rockland Utilities	NY	4,000	76
Connecticut Light & Power	CT	33,000	677
National Grid	RI	20,000	47
Public Service of New Hampshire	NH	11,000	0
<b>TOTAL *</b>		<b>401,586</b>	<b>33,746</b>

\*Total outages only represent electric utilities listed in this table.

Sources:

ComEd: <http://www.nwherald.com/2012/07/19/cleanup-efforts-continue-following-overnight-storms/a9tc75b/>  
<https://www.comed.com/layouts/comedsp/OutageMap.aspx>

<https://www.comed.com/customer-service/outage-information/Pages/storm-center.aspx>

NIPSCO: <http://www.nipsco.com/en/stormcenter>

Kankakee Valley R.E.M.C.: [http://www.nwtimes.com/news/local/illinois/thousands-without-power-in-wake-of-overnight-storms/article\\_330ecd58-bc91-5c45-810c-fda9f3c538e5.html](http://www.nwtimes.com/news/local/illinois/thousands-without-power-in-wake-of-overnight-storms/article_330ecd58-bc91-5c45-810c-fda9f3c538e5.html)

Duke Energy: [http://www.kypost.com/dpps/weather/weather\\_news/current-power-outages-in-the-tri-state\\_7692904](http://www.kypost.com/dpps/weather/weather_news/current-power-outages-in-the-tri-state_7692904)  
<http://www.duke-energy.com/ohio/outages/current.asp>

AEP Ohio, Dayton Power & Light <http://www.cantonrep.com/newsnow/x1062477854/More-than-70-000-customers-in-Ohio-without-power>

<https://www.aepohio.com/outages/>

<http://www.dpandl.com/customer-service/outage-center/outage-map/>

Duquesne Light, West Penn: <http://old.post-gazette.com/pg/12201/1247762-455.stm>

PSNH: <http://www.concordmonitor.com/article/342718/thousands-without-power-after-storm>

National Grid (MA): <http://www.bostonherald.com/news/regional/view.bg?articleid=1061146723&pos=breaking>  
<https://www1.nationalgridus.com/PowerOutageMap>  
National Grid (RI): [http://www.cbsnews.com/8301-505245\\_162-57475694/ri-cleaning-up-after-storm-brings-hail-outages/](http://www.cbsnews.com/8301-505245_162-57475694/ri-cleaning-up-after-storm-brings-hail-outages/)  
<https://www1.nationalgridus.com/PowerOutageMap>  
Connecticut Light & Power: <http://www.clickondetroit.com/lifestyle/travel/Lightning-knocks-out-Conn-airport-runways/-/2305824/15597658/-/kgivkkz/-/index.html>  
<http://www.cl-p.com/outage/OutageMap.aspx>  
LIPA: <http://www.newsday.com/news/weather/power-outages-downed-wires-in-storm-s-wake-1.3847299>  
<http://www.lipower.org/stormcenter/outagemap.html>  
National Grid NY: <http://www.therepublic.com/view/story/93f9e25e4a774fa588735f577770426d/NY--North-Country-Storm>  
ConEdison: [http://www.ny1.com/content/top\\_stories/165043/con-ed--hit-by-hottest-day-of-the-year-and-storms--continuing-lockout](http://www.ny1.com/content/top_stories/165043/con-ed--hit-by-hottest-day-of-the-year-and-storms--continuing-lockout)  
[http://apps.coned.com/stormcenter\\_external/default.html](http://apps.coned.com/stormcenter_external/default.html)  
Orange & Rockland Utilities:  
<http://www.recordonline.com/apps/pbcs.dll/article?AID=/20120718/NEWS/120719768>  
PSE&G: [http://www.nj.com/hudson/index.ssf/2012/07/eight-block\\_area\\_in\\_downtown\\_j.html](http://www.nj.com/hudson/index.ssf/2012/07/eight-block_area_in_downtown_j.html)  
<https://twitter.com/PSEGdelivers>  
Atlantic City Electric: [http://www.pressofatlanticcity.com/communities/eh/power-restored-to-nearly-all-atlantic-city-electric-customers-after/article\\_18e52e3e-d127-11e1-8503-0019bb2963f4.html](http://www.pressofatlanticcity.com/communities/eh/power-restored-to-nearly-all-atlantic-city-electric-customers-after/article_18e52e3e-d127-11e1-8503-0019bb2963f4.html)  
<http://www.atlanticcityelectric.com/home/emergency/maps/stormcenter/>

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## ***Electricity***

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### **Entergy's 813 MW FitzPatrick Nuclear Unit in New York Reduced to 82 Percent by July 19**

The Nuclear Regulatory Commission reported that on the morning of July 18 the unit was operating at full power. Information derived from the NRC Power Reactor Status Reports:

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2012/>

### **Constellation's 1,120 MW Nine Mile Point Nuclear Unit 2 in New York Ramped Up to 97 Percent by July 19**

The Nuclear Regulatory Commission reported that on the morning of July 18 the unit was operating at 60 percent. Information derived from the NRC Power Reactor Status Reports:

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2012/>

### **Update: Constellation's 825 MW Calvert Cliffs Nuclear Unit 1 in Maryland at Full Power by July 19**

Constellation Energy Nuclear Group's Unit 1 reactor at its Calvert Cliffs nuclear power plant is back to full power Thursday, after being reduced to 10 percent on July 17 when operators identified a pressure boundary leak from the instrument line. Information derived from the NRC Power Reactor Status Reports:

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2012/>

<http://www.reuters.com/article/2012/07/18/utilities-operations-constellation-calvert-idUSL2E8II72U20120718?feedType=RSS&feedName=marketsNews&rpc=43>

### **FPL's 839 MW Saint Lucie Nuclear Unit 1 in Florida Shut by July 19**

The Nuclear Regulatory Commission reported that on the morning of July 18 the unit was operating at 99 percent. Information derived from the NRC Power Reactor Status Reports:

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2012/>

### **Dynegy's 510 MW Moss Landing Power Block Gas-fired Unit 1 in California Returns to Service by July 17**

According to the California Independent System Operator, the unit reported a return from an unplanned curtailment of 260 MW.

<http://content.caiso.com/unitstatus/data/unitstatus201207171515.html>

## **Dynegy's 335 MW El Segundo Gas-fired Unit 3 in California Returns to Service by July 17**

According to the California Independent System Operator, the unit reported a return from an unplanned outage.

<http://content.aiso.com/unitstatus/data/unitstatus201207171515.html>

## **Petroleum**

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### **Update: Motiva Targeting Early 2013 Restart of 325,000 b/d Crude Distillation Unit at Port Arthur, Texas Refinery**

Inspection activities and repairs continue on the crude distillation unit at the expansion of Motiva's refinery in Port Arthur, Texas. The original Port Arthur refinery, which has 275,000 barrels per day distillation capacity, continues to operate normally. The crude unit, which is part of the recently completed 325,000 barrels per day expansion project at the refinery, was safely shut down without any injuries in early June after it experienced operational issues. Preliminary inspection found that part of the unit had been accidentally contaminated with high levels of caustic (sodium hydroxide), which resulted in cracks in stainless steel piping and other parts of the crude unit. All seven of the other expansion units built in the expansion project are fully operational, though some are running at reduced capacity. Motiva is targeting to restart the crude unit in early 2013.

[http://www.motivaenterprises.com/home/content/motiva/media\\_center/2012/07192012\\_par.html](http://www.motivaenterprises.com/home/content/motiva/media_center/2012/07192012_par.html)

### **Update: Citgo Restarts Units at Its 163,000 b/d Corpus Christi, Texas Refinery July 18**

Citgo Petroleum Corp. said Thursday that the two units affected by a flash fire earlier in the week were restarted Wednesday at its 163,000 b/d Corpus Christi refinery in Texas. The flash fire occurred Monday evening, and the company said there was minimal impact to production.

Reuters, 11:16 July 19, 2012

### **BP Commits More Than 40,000 b/d of Oil to Kinder Morgan Under Long-Term Agreements July 19**

Kinder Morgan Energy Partners LP and BP North America announced long-term agreements under which BP would provide condensate processing services and storage at Kinder Morgan's terminals on the Houston Ship Channel. BP has committed more than 40,000 b/d of petroleum at Kinder Morgan's condensate facility, which will split it into various components such as light and heavy naphthas, kerosene, and gas oil. The facility has been designed to provide future processing expansions up to 100,000 b/d throughout. BP also will lease an additional 750,000 barrels of storage that Kinder Morgan will add at its Galena Park terminal. New storage tanks and the condensate facility should be in service in first quarter 2014.

Reuters, 9:15 July 19, 2012

## **Natural Gas**

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### **Enbridge Reports AGI Unit Shutdown at Its Tilden Gas Plant in Texas July 18**

Enbridge reported that an acid gas injector (AGI) unit at its Tilden gas plant in Texas went down Wednesday due to first stage suction pressure. Operators responded immediately and all vented gas was sent to flare, minimizing emissions.

<http://www11.tceq.state.tx.us/oce/ee/index.cfm?fuseaction=main.getDetails&target=171163>

## **Other News**

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### **Severe Drought Causes Decline in Corn Crop**

Corn crops are suffering this week due to the most expansive U.S. drought in more than a half century in farming states in the Midwest and High Plains. According to the *Drought Monitor*, more than 70 percent of the Midwest was in some stage of drought this week, up from 63 percent last week, and 68 percent of the High Plains is in a severe drought or worse. Particularly hard hit are Iowa and Illinois, top corn and soybean producers, sapping already-damaged yield potential of these crops.

Reuters, 10:53 July 19, 2012

## International News

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Nothing to report

## Energy Prices

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U.S. Oil and Gas Prices			
July 19, 2012			
	Today	Week Ago	Year Ago
<b>CRUDE OIL</b> <b>West Texas Intermediate U.S.</b> \$/Barrel	92.62	85.01	99.50
<b>NATURAL GAS</b> <b>Henry Hub</b> \$/Million Btu	2.84	2.72	4.64

Source: Reuters

## Links

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***This Week in Petroleum*** from the U.S. Energy Information Administration (EIA)

<http://www.eia.gov/oog/info/twip/twip.asp>

Updated every Wednesday.

***Weekly Petroleum Status Report*** from EIA

[http://www.eia.gov/oil\\_gas/petroleum/data\\_publications/weekly\\_petroleum\\_status\\_report/wpsr.html](http://www.eia.gov/oil_gas/petroleum/data_publications/weekly_petroleum_status_report/wpsr.html)

Updated after 10:30 AM and 1:00 PM Eastern Time every Wednesday.

***Natural Gas Weekly Update*** from EIA

<http://www.eia.gov/oog/info/ngw/ngupdate.asp>

Updated after 2:00 PM Eastern Time every Thursday.

### ENERGY ASSURANCE DAILY

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<http://www.oe.netl.doe.gov/ead.aspx>

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